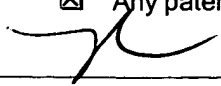
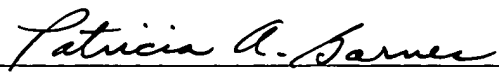



AF/1600

AMENDMENT TRANSMITTAL LETTER (Small Entity)			Docket No. 55591(71699)		
Applicant(s): Jeffrey J. Rade, et al.					
Serial No. 09/863,803	Filing Date May 22, 2001	Examiner Li, Qian J.	Group Art Unit 1632		
Invention: GENETIC ENGINEERING OF VASCULAR GRAFTS TO RESIST DISEASE					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application. <input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	24 -	28 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0 x	\$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 04-1105 A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 _____ Signature			Dated: July 11, 2003		
Robert L. Buchanan Registration No. 40,927 EDWARDS & ANGELL, LLP P. O. Box 9169 Boston, MA 02209 Tel. (617) 439-4444 Fax Nos.: (617) 439-4170 / 7748 Customer N .: 21874			<div style="border: 1px solid black; padding: 5px;"><p>I certify that this document and fee is being deposited on 07/11/03 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</p><p> Signature of Person Mailing Correspondence</p><p>Patricia A. Barnes Typed or Printed Name of Person Mailing Correspondence</p></div>		
CC:					
 21874 PATENT TRADEMARK OFFICE					



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Docket No. 55591(71699)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jeffrey J. Rade, et al.

U.S.S.N.: 09/863,803

Art Unit: 1632

FILED: May 22, 2001

Examiner: Li, Qian J.

FOR: GENETIC ENGINEERING OF VASCULAR GRAFTS TO RESIST DISEASE

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Commissioner for Patents
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on **July 11, 2003**.

By: Patricia A. Barnes
Patricia A. Barnes

RESPONSE UNDER 37 CFR 1.116

In response to the Office Action dated April 11, 2003 for the above-captioned case, Applicants request reconsideration in view of the following amendments and remarks.

IN THE CLAIMS:

Please cancel claims 7 and 12.

Kindly amend claims 1, 3, 4, 6, 8, 9 and 24 as follows:

1. (Amended) A method for treating a vascular graft of a mammal to resist early graft failure comprising,